SERVICE MANUAL

MODEL
ST930

PARTS LIST
POWER SUPPLY P.C. BOARD
EXPLODED VIEW
SCHEMATIC DIAGRAM
WIRING DIAGRAM

C.E.C.

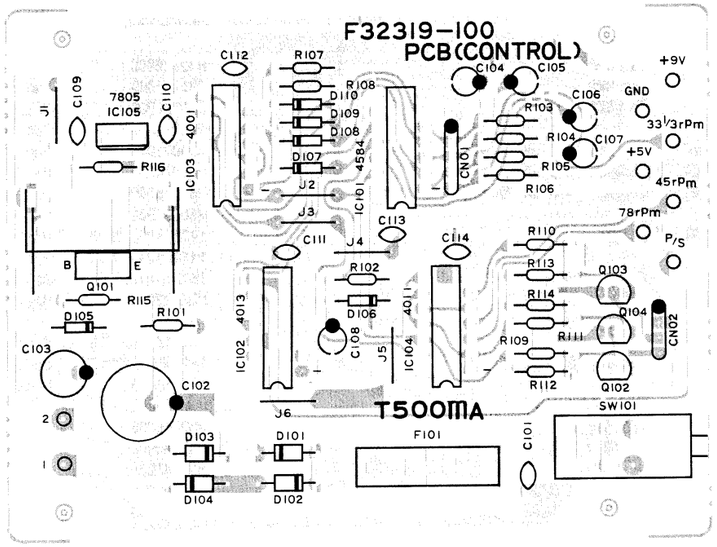
PARTS LIST

Ref. No.	Part No.	Description	Q'ty
1	D10117000	Base Board	1
2	H32308000	Base Board	1
3	H50070000	Sheet B	4
4	H50071000	Sheet B	4
5	K50000000	Badge	1
6	D49966000	Cushion	4
7	D50019000	Cushion	4
8	D50087000	Rubber Cushion	4
9	E49965000	Spring	4
10	C49954000	Leg Assy	4
11	C49984000	Motor Assy	1
12	B49962000	Pulley Motor	1
13	A50013000	Plate Motor	1
14	A50052000	Angle Mount	1
15	B50053000	Spacer	3
16	13425202118000	Rubber Cushion	3
17	A49959000	Angle Mount	1
18	F50055000	Socket	1
19	F50024000	Cord	1
20	D21183000	Lid	1
21	K50142000	Badge Lid	1
22	C32310000	Assy Shaft TT	1
23	D21170000	Turntable	1
24	D50067000	Belt	1
25	H50003000	Sheet TT	2
26	H50069000	Sheet TT	5
27	H49991000	Mat Turntable	1
28	D32354000	Mat Turntable	1
29	B49961000	Pu Base	1
30	C32313000	Assy Tonearm	1
30-1		Counter Weight	1
30-2		Fixing Screw	1
30-3		Oil Cap	1
30-4		Audio Cable	1
30-5	C50032000	Damping Oil	1
30-6	F32325000	Plug Cord	1
31	R50029000	Hexagon Wrench Key 1.5	1
32	R50030000	Hexagon Wrench Key 2.5	1
33	R50031000	Hexagon Wrench Key 5	1
34	R50081000	Driver	1
35	⚠F49988400	Power Cord (EUR)	1
35	⚠F49988410	Power Cord (UK)	1
36	B47659000	Ep Adapter	1
37	A32315000	Cover Control	1
38	D32316000	Front Control	1
39	A32314000	Bottom Control	1
40	C49960000	Leg Assy	4
41	D32317000	Knob Start	1
42	D32318000	Knob Speed	1
43	D49217010	Knob Power	1
44	F49987000	Plug Cord	1
45	D50046000	Bushing	1
46	⚠F50010000	In Let	1
47	85430900801010	UL 1672 Top Coat	1
48	⚠F49985000	Voltage Selector	1
49	B50037000	Spacer	2
50	⚠F49986000	Power Trans	1
51	D50051000	Spacer	4
52	C32320100	PC Assy. Control	1
52-1	F32319100	PCB	1
52-2	F49858000	Fuse Holder	1
or	42352019400	Fuse Holder	1
52-3	13126201215000	Plat Heat Sink	1

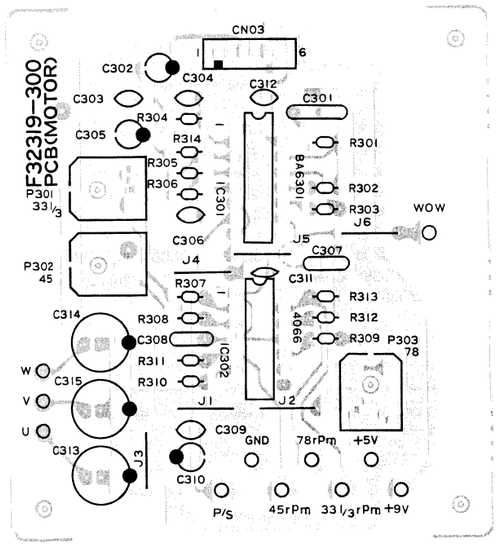
Ref. No.	Part No.	Description	Q'ty
CN01	13129800010360	Jumper 5P	1
CN02	13129800010850	Jumper 4P	1
F101	⚠F49033010	Fuse 500mA	1
S101	42319787300	Push SW 1Key	1
C101	CK1H103ZAFFLC	Ceram 0.01μZ 50V	1
C102	CE1V471MDFANN	Elect 470μM 35V	1
C103	CE1C101MDFALC	Elect 100μM 16V	1
C104	CE1C100MDFALC	Elect 10μM 16V	1
C105	CE1C100MDFALC	Elect 10μM 16V	1
C106	CE1C100MDFALC	Elect 10μM 16V	1
C107	CE1C100MDFALC	Elect 10μM 16V	1
C108	CE1C470MDFALC	Elect 47μM 16V	1
D101	F49572000	MPG06B	1
D102	F49572000	MPG06B	1
D103	F49572000	MPG06B	1
D104	F49572000	MPG06B	1
D105	DZGZA10X---A	ZD GZA10X	1
D106	DDGMA01---A	DI GMA01	1
D107	DDGMA01---A	DI GMA01	1
D108	DDGMA01---A	DI GMA01	1
D109	DDGMA01---A	DI GMA01	1
D110	DDGMA01---A	DI GMA01	1
IC101	QBU4584B---N	IC BU4584B	1
IC102	QBU4013B---N	IC BU4013B	1
or	QLC4013B---N	IC LC4013B	1
IC103	QBU4001B---N	IC BU4001B	1
or	QLC4001B---N	IC LC4001B	1
IC104	QBU4011B---N	IC BU4011B	1
or	QLC4011B---N	IC LC4011B	1
IC105	QL78M05----N	IC L78M05	1
or	QNJM78M05A---N	IC NJM78M05A	1
or	QNJM78M05FA--N	IC NJM78M05FA	1
Q101	T2SD330-E---N	TR 2SD330-E	1
or	T2SD330-F---N	TR 2SD330-F	1
Q102	T2SA608-E-NPC	TR 2SA608-E	1
or	T2SA608-F-NPC	TR 2SA608-F	1
Q103	T2SA608-E-NPC	TR 2SA608-E	1
or	T2SA608-F-NPC	TR 2SA608-F	1
Q104	T2SA608-E-NPC	TR 2SA608-E	1
or	T2SA608-F-NPC	TR 2SA608-F	1
R101	RDB1201JPBANA	Carbon 1.2K JA 1/4W	1
R102	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R103	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R104	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R105	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R106	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R107	RDB1003JPBANA	Carbon 100K JA 1/4W	1
R108	RDB1003JPBANA	Carbon 100K JA 1/4W	1
R109	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R110	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R111	RDB2202JPBANA	Carbon 22K JA 1/4W	1
R112	RDB1002JPBANA	Carbon 10K JA 1/4W	1
R113	RDB1002JPBANA	Carbon 10K JA 1/4W	1
R114	RDB1002JPBANA	Carbon 10K JA 1/4W	1
R115	RDB2200JPBANA	Carbon 220 JA 1/4W	1
R116	F32044000	Fusible 10 J- 1/4W	1
53	C32320200	PC Assy Front	1
53-1	F32319200	PCB	1
53-2	F50099000	Spacer	3

POWER SUPPLY P.C. BOARD

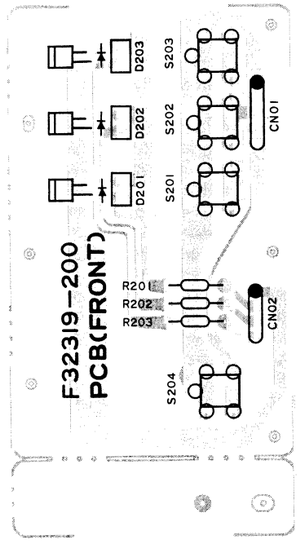
52-1 Control PCB



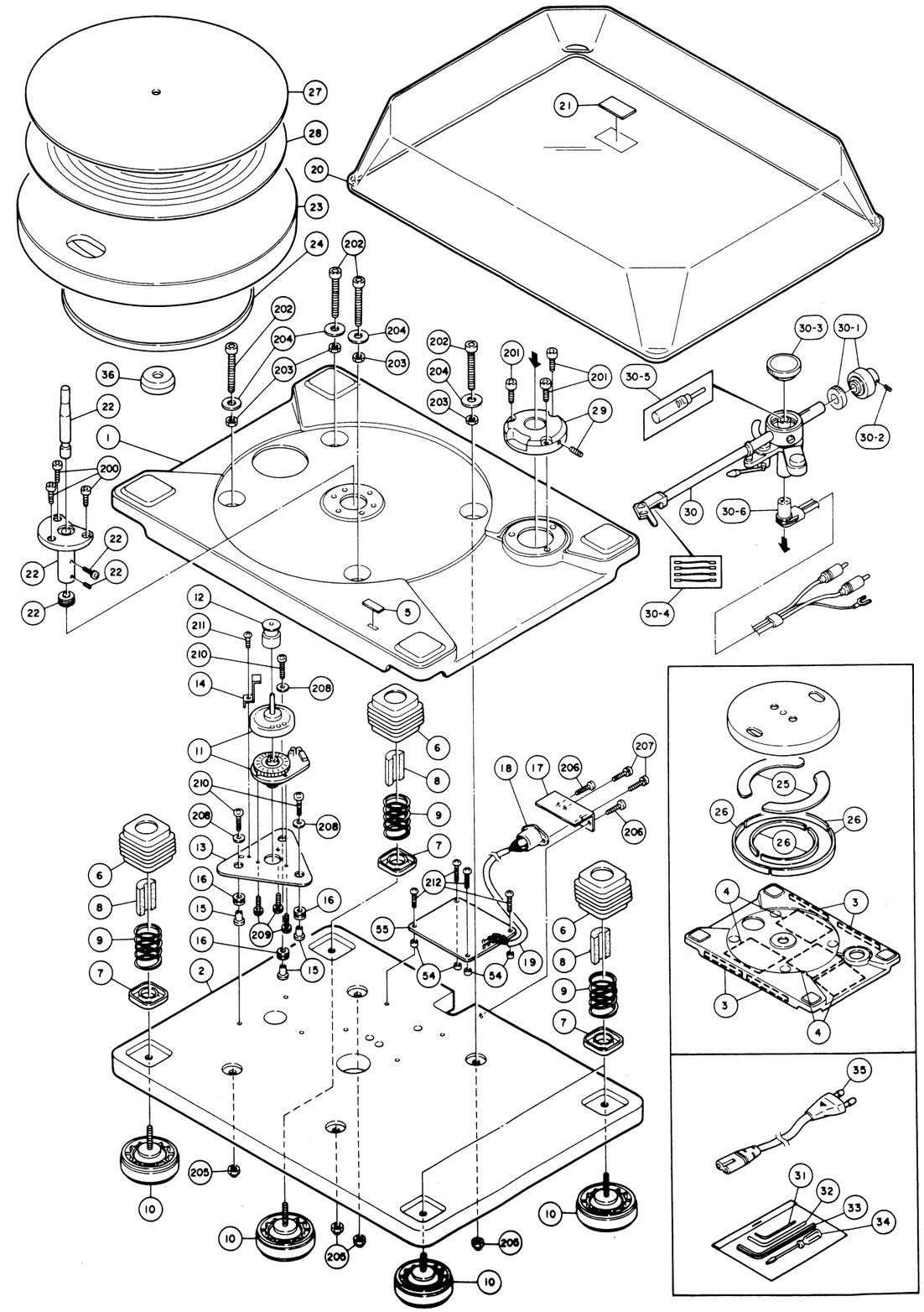
55-1 Motor PCB



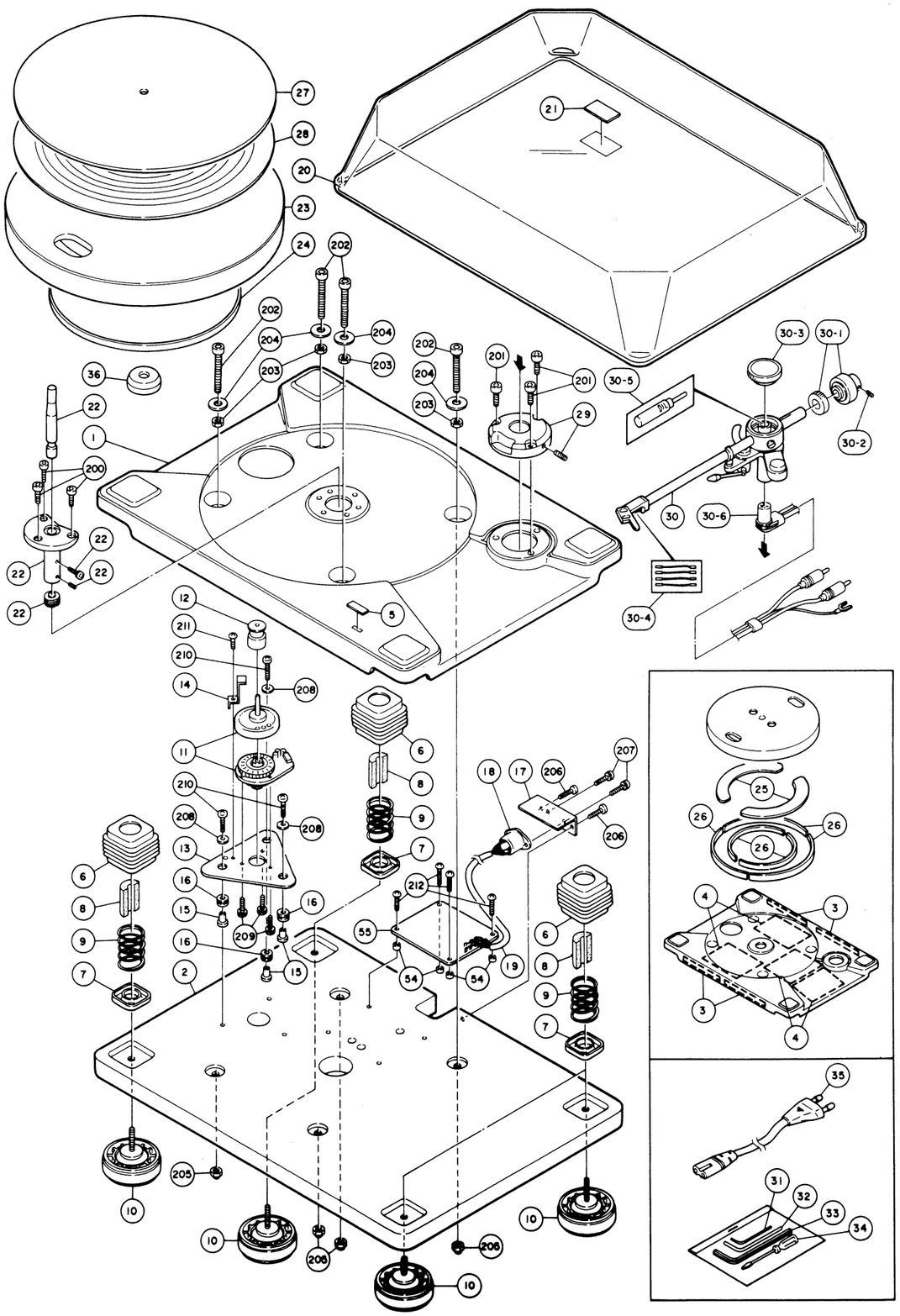
53-1 Front PCB

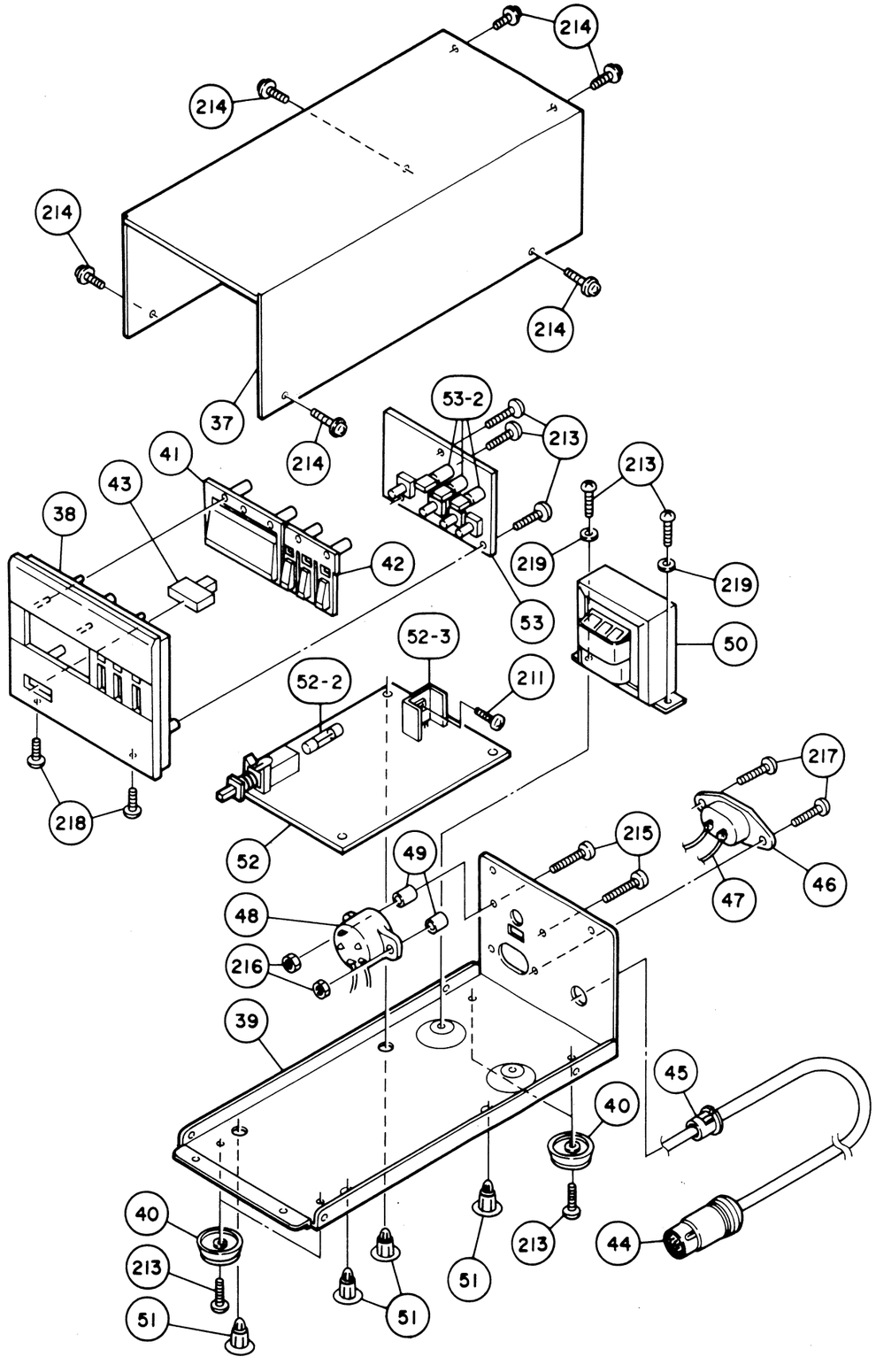


EXPLODED VIEW

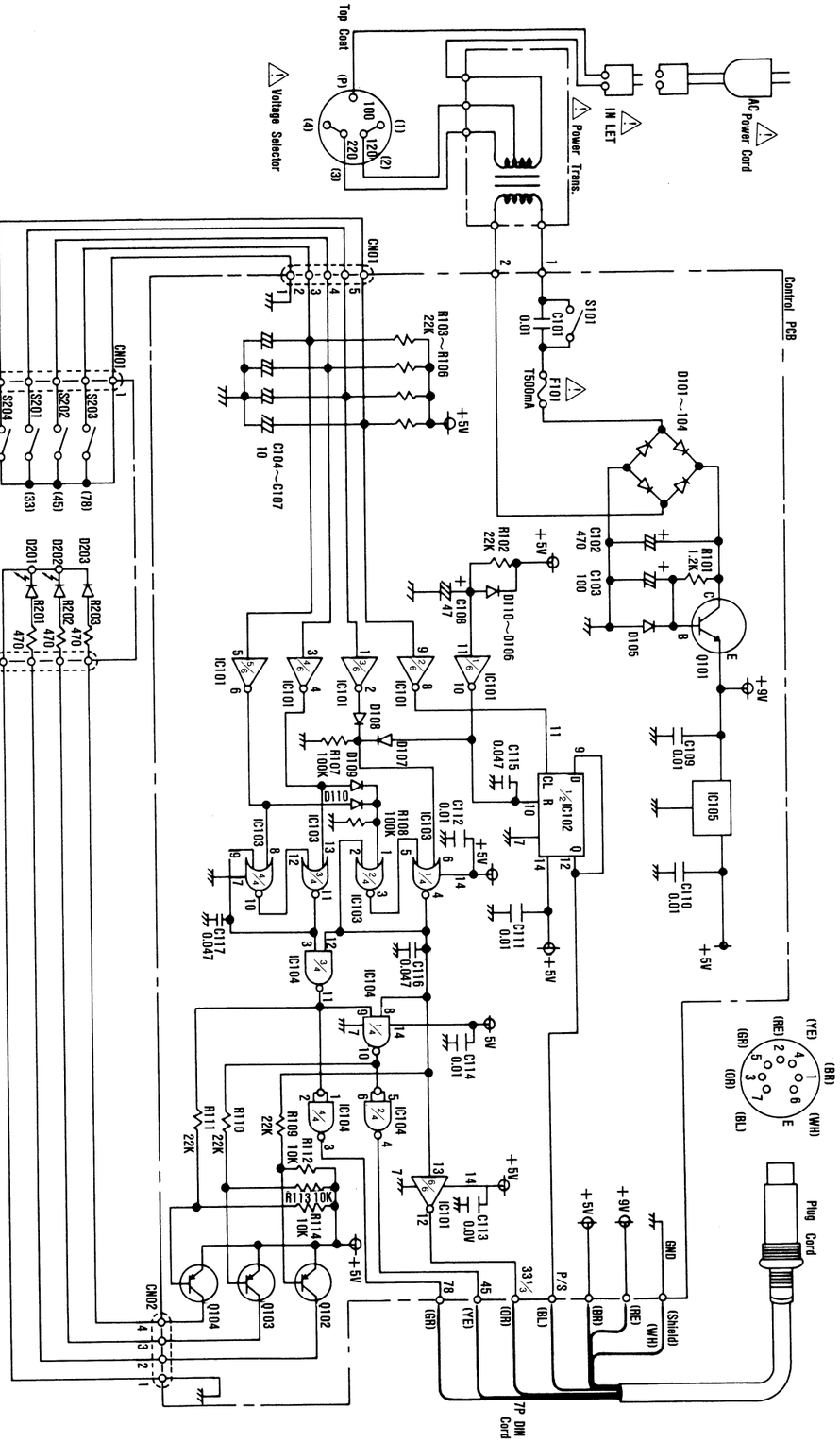


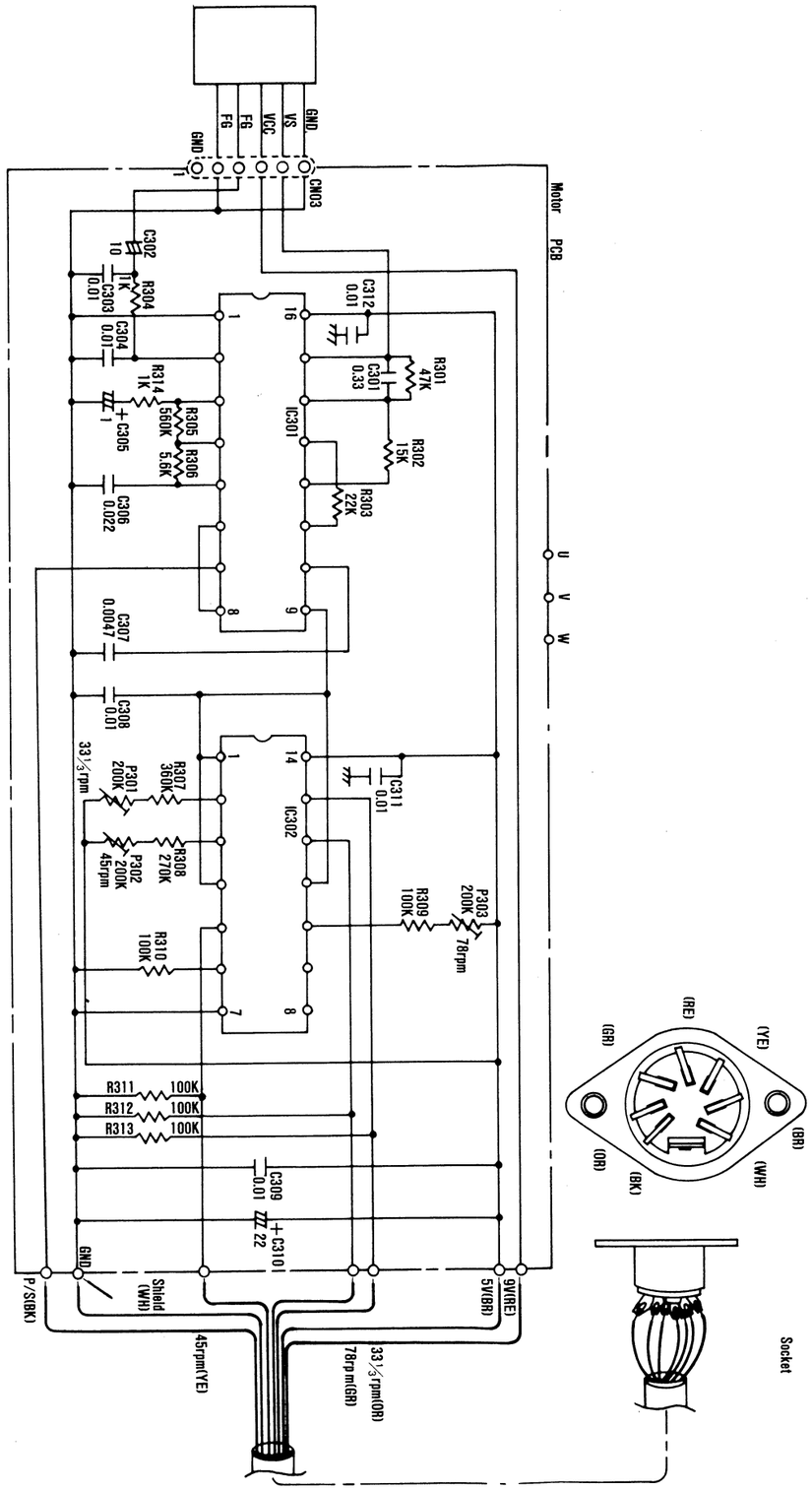
EXPLODED VIEW

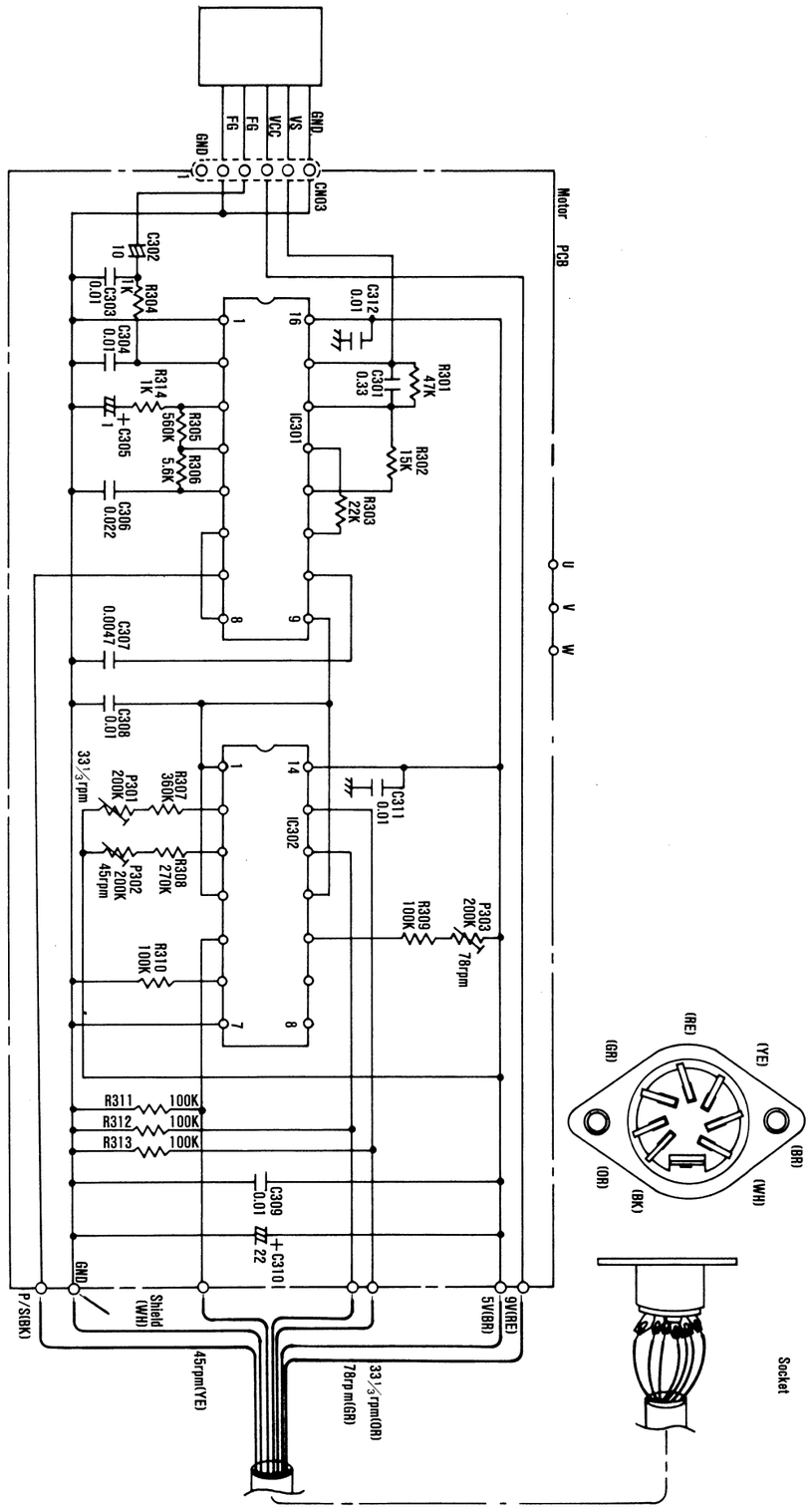




SCHEMATIC DIAGRAM







Ref. No.	Part No.	Description	Q'ty
D201	DLSLP-151B50N	LE SLP-151B-50	1
D202	DLSLP-151B50N	LE SLP-151B-50	1
D203	DLSLP-151B50N	LE SLP-151B-50	1
S201	42319784700	Tact SW	1
S202	42319784700	Tact SW	1
S203	42319784700	Tact SW	1
S204	42319784700	Tact SW	1
R201	RDB4700JPBANA	Carbon 470 JA 1/4W	1
R202	RDB4700JPBANA	Carbon 470 JA 1/4W	1
R203	RDB4700JPBANA	Carbon 470 JA 1/4W	1
54	13124208321020	Spacer	4
55	C32320300	PC Assy Motor	1
55-1	F32319300	PCB	1
CN03	F50063000	Connector 6P Assy	1
J1	30031000220000	TWN 0.6	1
J2	30031000220000	TWN 0.6	1
J3	30031000220000	TWN 0.6	1
C301	CHIH334JAAALC	MT-CO 0.33μJ 50V	1
C302	CEIE100MDLALC	Elect 10μM 25V	1
C303	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1
C304	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1
C305	CEIH1ROMDLALC	Elect 1μM 50V	1
C306	CKIH223ZAFFLC	Ceram 0.022μZ 50V	1
C307	CHIH472JAAALC	MT-CO 0.0047μJ 50V	1
C308	CHIH103JAAALC	MT-CO 0.01μJ 50V	1
C309	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1
C310	CEIE220MDLALC	Elect 22μM 25V	1
C311	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1
C312	CKIH103ZAFFLC	Ceram 0.01μZ 50V	1
IC301	QBA6301------N	IC BA6301	1
IC302	QTC4066BP---N	IC TC4066BP	1
P301	42222010200	Semi Fixed 200K	1
P302	42222010200	Semi Fixed 200K	1
P303	42222010200	Semi Fixed 200K	1
R301	RDD4702JPBANA	Carbon 47K JA 1/6W	1
R302	RDD1502JPBANA	Carbon 15K JA 1/6W	1
R303	RDD2202JPBANA	Carbon 22K JA 1/6W	1
R304	RDD1001JPBANA	Carbon 1K JA 1/6W	1
R305	RDD5603JPBANA	Carbon 560K JA 1/6W	1
R306	RDD5601JPBANA	Carbon 5.6K JA 1/6W	1
R307	RDD3603JPBANA	Carbon 360K JA 1/6W	1
R308	RDD2703JPBANA	Carbon 270K JA 1/6W	1
R309	RDD1003JPBANA	Carbon 100K JA 1/6W	1
R310	RDD1003JPBANA	Carbon 100K JA 1/6W	1
R311	RDD1003JPBANA	Carbon 100K JA 1/6W	1
R312	RDD1003JPBANA	Carbon 100K JA 1/6W	1
R313	RDD1003JPBANA	Carbon 100K JA 1/6W	1
R314	RDD1001JPBANA	Carbon 1K JA 1/6W	1

Ref. No.	Part No.	Description	Q'ty
	H32353000	Box Corrugate-EXP	1
	H50177000	Pad Bottom	1
	H50176000	Pad Top	4
	14163219001000	Patching Sheet	1
	H32326000	Box Corrugate-EXP	1
	C21176000	Pad, Top	1
	C21177000	Pad, Bottom	1
	D50072000	Pad, Top Right	1
	H50073000	Pad, Mat TT	1
	H50074000	Poly Cover, Weight·Wrench	2
	H50096000	Poly Cover, PU	1
	H50097000	Poly Cover, PU Pipe	1
	14162519229900	Bag Polyethylene-IND	2
	14162519164900	Sheet Polyethylene	1
	14162519165900	Bag Polyethylene·EXP	1
	H50122000	Bag Polyethylene	1
	13162719104010	Bag Fan	1
	14164559040350	Serial No. Sheet	7
	K50088000	Name Plate	1
	H50103000	Label	1
	H50118000	Sheet	1
	H50086000	Label	1
	H50167000	Label	1
	H50095000	Label	1
	H50120000	Sheet	1
	H48077000	BS Code Label (UK)	1
	13127103171000	Label (UK)	1
	H49990000	Stroboscope	1
	H50151010	Stylus Position Gauge	1
	H32183790	Explanatory Booklet	1
200	SM2KN40350SM-	Screw, Hexagon-Socket +M4.0×35	3
201	SM2KN40300SM-	Screw, Hexagon-Socket +M4.0×30	3
202	SM2KN60500SM-	Screw, Hexagon-Socket +M6.0×50	4
203	SN2Z2N60SM---	NUT, Cap 6	4
204	SWK602001ROSM	Washer, ∅6.0×20×1	4
205	SN2H3N60SE---	NUT, Hexagon 6	4
206	SUWPN30100SM-	Screw, Wood PAN +M3.0×10	2
207	SM2PS30100SM-	Screw, PAN Spring Washer +M3.0×10	2
208	SWZ321001ROSE-	Washer, ∅3.2×10×1	3
209	13124201199000	Screw, PAN Spring Washer +M3.0×6	3
210	SUWPN27200SE-	Screw, Wood PAN +M2.7×20	3
211	SFBAN306ROSE-	Screw, Brazier Hd. Toppinng-B +M3.0×6	2
212	SUWPN30160SE-	Screw, Wood PAN +M3.0×16	4
213	13124201195000	Screw, +M3.0×6	9
214	1412421933010	Screw, +M3.0×8	6
215	SM2PN30120SE-	Screw, PAN +M3.0×12	2
216	SN2H2N30SE--	NUT, Hexagon 3	2
217	SFBAN308ROSE-	Screw, Brazier Hd. Tapping-B +M3.0×8	2
218	SFBDN308ROSM-	Screw, Brazier Hd. Tapping-B +M3.0×8	2
219	SWK328R01ROSE-	Washer, ∅3.2×8×1	2

Components and wiring are subject to change for modification without notice.

To service personnel.
Make sure that only replacement parts recommended by the manufacturer should be used when the parts marked "⚠" in schematic diagram are exchanged.
Never fail to make leakage-current or resistance measurements before returning the appliance to the customer so as to make sure that exposed parts are acceptably insulated from the supply circuit.

WIRING DIAGRAM